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Number:

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TRI CUT XCUT NOZZLE

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specification

app.xml

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SPECIFICATION

Electronic Version 1.2.8

Stylesheet Version 1.0

TRI CUT XCUT NOZZLE

Background of Invention

[0001] The invention involves use of an xcut short flange adapter (Nordson Part No. 122455) and one or more carbides (Nordson Part No. 122456). Current nozzles leave areas uncoated or provide uneven film distribution. There is a need to provide coating of the two piece pulltop can ends.

Detailed Description

[0002] The present application provides for the use of a tri cut xcut nozzle which will produce a thicker pattern. This fall pattern will cover a wider area with a more consistent film build across the required area than a single cut (orifice) nozzle or a dual cut or dual tip nozzle. The present invention provides a more consistent coverage on the can ends and a wider area of coverage.

Claims

[c1] Provisional application. Not applicable.

TRI CUT XCUT NOZZLE

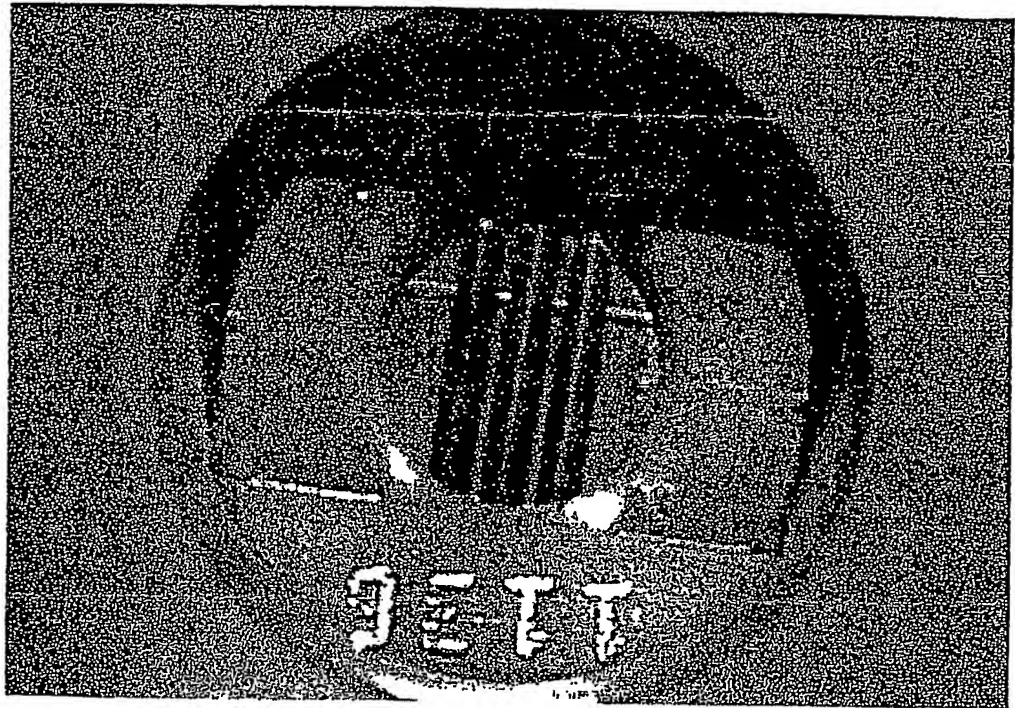
Abstract of Disclosure

Provisional application. Not applicable.

Figures

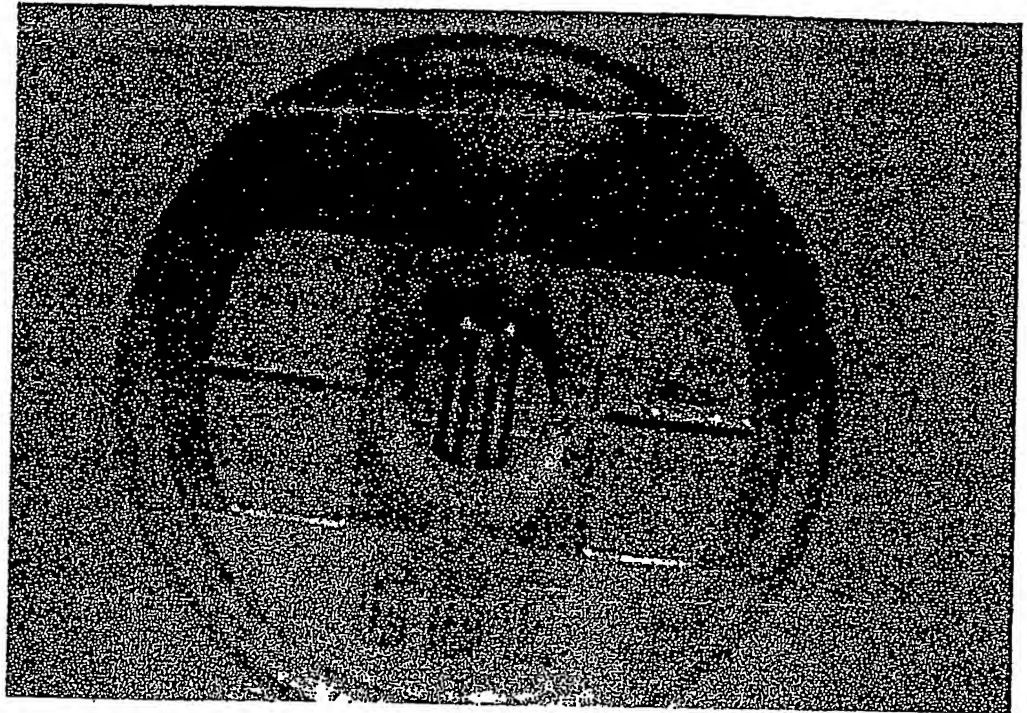
The Tri-Cut Nozzle is designed to create a wide, flat, and even spray pattern.

The 3 orifices design cause the three fluid streams to impinge into each other. The impinging patterns cause the pattern to become wider. The wider pattern increases the coverage area, when compared to the dual tip (Fig 1) and the dual orifice (Fig 2). See full patterns of each style of cut, (Fig A, B, C)



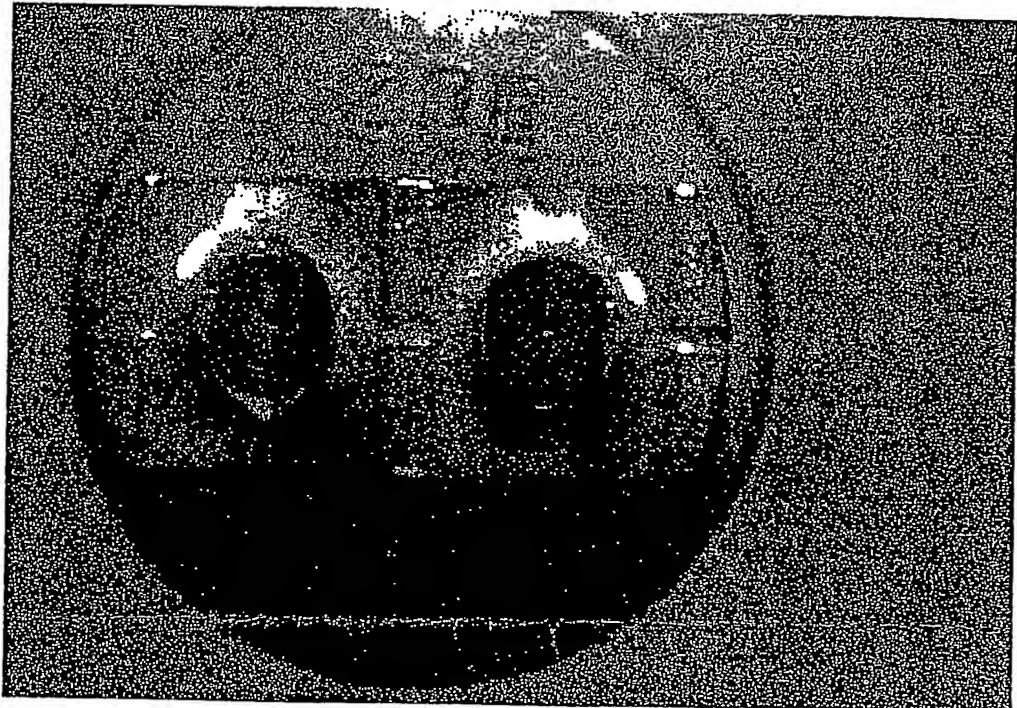
Tri-Cut Nozzle
#3

02-161



DUAL CUT Nozzle #2

02-161



(#1)

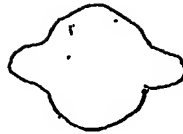
DUAL TIP NOZZLE

02-161

DUAL TIP

(A)

The dual tip nozzle configuration will produce a pattern as seen in figure A. The nozzle is pictured in figure 1.



DUAL CUT

(B)

The dual cut nozzle will produce a pattern like the one in figure B. The nozzle is pictured in figure 2.



Prototype A001136
TRI CUT

C

The Tri-cut Nozzle Pattern can be seen in figure C. The corresponding nozzle can be seen in Figure Number 3.



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